

TSD File Inventory Index

Date: April 29, 2004

Initial: CMG/ew

Facility Name: <u>Pluton Electronic Materials, Inc.</u>			
Facility Identification Number: <u>CHD 094 808 904</u>			
A.1 General Correspondence		B.2 Permit Docket (B.1.2)	
A.2 Part A / Interim Status <u>A.2</u>	1	.1 Correspondence	
.1 Correspondence	Y	.2 All Other Permitting Documents (Not Part of the ARA)	
.2 Notification and Acknowledgment	Y	C.1 Compliance - (Inspection Reports)	
.3 Part A Application and Amendments	Y	C.2 Compliance/Enforcement	
.4 Financial Insurance (Sudden, Non Sudden)	Y	.1 Land Disposal Restriction Notifications	
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.2 Reports		.2 Background Reports, Supporting Docs and Studies	
A.4 Closure/Post Closure		.3 State Prelim. Investigation Memos	
.1 Correspondence <u>A.4.1-A.4.2-A.4.5</u>	1	.4 RFA Reports <u>D.1.4</u>	1
.2 Closure/Post Closure Plans, Certificates, etc <u>Sec A.4.1</u>		D. 2 Corrective Action/Facility Investigation	
A.5 Ambient Air Monitoring		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
.2 Reports		.3 RFI Program Reports and Oversight	
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.5 RFI QAPP		.6 CMI QAPP	
.6 RFI QAPP Correspondence		.7 Lab Data, Soil-Sampling/Groundwater	
.7 Lab Data, Soil-Sampling/Groundwater <i>D. 2.7(2)</i>	<i>2</i>	.8 Progress Reports	
.8 RFI Progress Reports		D.5 Corrective Action/Enforcement	
.9 Interim Measures Correspondence		.1 Administrative Record 3008(h) Order	
.10 Interim Measures Workplan and Reports		.2 Other Non-AR Documents	
D.3 Corrective Action/Remediation Study		E. Boilers and Industrial Furnaces (BIF)	
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.3 CMS Workplan		F.1 Imagery/Special Studies (Videos, Photos, Disks, Maps, Blueprints, Drawings, and Other Not Oversized Special Materials.)	
.4 CMS Draft/Final Report		G.1 Risk Assessment	
.5 Stabilization		.1 Human/Ecological Assessment ...	
.6 CMS Progress Reports		.2 Compliance and Enforcement ...	
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D.4 Corrective Action Remediation Implementation		.4 Ecological - Administrative Record	
.1 CMI Correspondence		.5 Permitting	
.2 CMI Workplan		.6 Corrective Action/Remediation Study ...	
.3 CMI Program Reports and Oversight		.7 Corrective Action Remediation Implementation ...	
.4 CMI Draft/Final Reports		.8 Endangered Species Act	
.5 CMI QAPP		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.

Comments: _____

Determination: Follow Up –remediation?**PA/VSİ Or RFA FILE REVIEW CHECKLIST**

Facility Name: Pemi Inc. (Plaskon Electronic Materials)

EPA ID: OHD 094 808 904____ Address: 2829 Glendale Ave. Toledo, Lucas Co., OH

Name of Reviewer: Maureen McHugh_____ Date of Review: 9/3/08_____

1	Yes	No	Is this a one folder site?
2	Yes	No	Are there Superfund files for this site?
3	Yes	No	Did you Read the Executive Summary? (none)
			There are: ____ SWMUs and ____ AOCs at this site.
4	Yes	No	Did you review the regulatory history? (none)
5	Yes	No	Does the facility have interim status or a permit?
			This facility is a: __X__ (CE)SQG, ____ LQG, or ____ Less than 90 day.
6	Yes	No	Was the Facility closed per RCRA? RCRAInfo 380 (1984) & 389 (1985)
			If Yes, was the closure: __X__ CC, or ____ CIP.
7	Yes	No	Are there documented (historical) releases? Briefly describe on Page 2.
8	Yes	No	Were there releases identified during the inspection? Briefly describe on Page 2.
9	Yes	No	Do you agree with the Conclusions and Recommendations?
			If No, briefly describe on Page 2.

As a result of your review of the PA/VSİ or RFA file, please classify this site as:

____ No further corrective action recommended or warranted: These are sites that closed the regulated units and any other SWMUs or AOCs at the site did not warrant any further corrective action (no historic releases or evidence of releases observed during the Visual Site Inspection).

__X__ Further Action Required: Soil or sediment sampling or groundwater sampling or monitoring or any type of investigation that was recommended in the report in response to a documented or observed release at any SWMU or AOC and where such investigation, whether being addressed during the inspection or after, does not have the necessary documentation in the facility record files.

____ More Information Needed: There is no RFA, PA/VSİ or RCRA closure information available.

PA/VSİ Or RFA FILE REVIEW CHECKLIST

Notes

Briefly describe any documented (historical) releases for any SWMU or AOC recorded in the report. For each release, please identify the SWMU or AOC and a one or two line description of release.

Various spills occurred around storage tanks and a former settling pond. The Hydrogeological Assessment revealed 3 principal areas where shallow groundwater has been contaminated: the former waste settling pond area (ammonia-nitrogen and formaldehyde), Area A3 (methylene chloride and low concentrations of other VOCs), and the reported location of past releases of phthalate plasticizers around Tank Farm Area A2, where a floating non-aqueous phase liquid has been detected. It consists of phthalates, polynuclear aromatic hydrocarbons, and other VOCs. Only the shallow aquifer in glacial sediments which overlie dolomite appears to be impacted. The only contaminants leaving the site are low levels of phthalate esters which have infiltrated leaky storm sewers. Repairs to the sewers had begun. The company was beginning a study in 1988 of measures necessary to correct releases.

Briefly describe any releases observed during the inspection for any SWMU or AOC recorded in the report. For each release, please identify the SWMU or AOC and a one or two line description of release.

PA/VSİ Recommendations

The only information available on this site was the Hydrogeological Assessment from 1988. Unknown if the discovered contamination was remediated.

PLASKON ELECTRONIC MATERIALS, INCORPORATED
TOLEDO, OHIO

OHD 094 808 904

RCRA FACILITY ASSESSMENT

INTRODUCTION

Plaskon Electronic Materials, Inc., is located at 2829 Glendale Avenue, Toledo, Ohio. The facility is situated in a mixed industrial and residential area in southwest Toledo, although the factory, itself, is surrounded primarily by fields and parking lots. The chief manufactured products are molded plastic and epoxy resin electronic components. Various types of these molding operations have been conducted since 1947, although processes and chemicals used have varied during several changes in ownership of the facility.

Tank farms and drum storage areas had been used throughout the facility's history, and wastes generated included plasticizers, resins, methylene chloride, and other volatile organic compounds. The facility's Environmental Engineer states that other corporations, which had previously owned the facility, showed varying concern for the environmental impact of plant operations.

Between late 1983 and early 1984, the facility received Ohio Environmental Protection Agency certification for closure of all hazardous waste treatment and storage units, and the status of a small quantity generator was attained. Presently, the only waste generated is spent acetone from laboratory work, described as F003. Between 10 to 15 gallons of waste are generated per month.

The present owners of the facility, Rohm and Haas Company, claim to be seriously concerned with the environmental implications of past and present manufacturing. On May 19, 1988, the Agency received an extensive Hydrogeological Assessment, which included the site's history, manufacturing processes, past and present waste management units, monitor well installation, hydrogeological descriptions, documentation of releases, and expressed intentions for remediation of the releases. Most of the information in this document is cited from the above-mentioned Hydrogeological Assessment.

HISTORY OF RELEASES

As various liquid products and wastes were handled, under previous corporate ownership, spills occurred around storage tanks and a former settling pond. The Hydrogeological Assessment has revealed three principal areas where shallow ground water has been contaminated by the facility. Volume 1, Page 79 of the assessment lists these areas:

1. the former waste settling pond area, where ammonia-nitrogen and formaldehyde contamination was detected;
2. Area A3, on Figure 3, where methylene chloride and low concentrations of other VOCs were detected; and
3. The reported location of past releases of phthalate plasticizers, around Tank Farm Area A2 (Figure 3), where a floating non-aqueous phase liquid (NAPL) has been detected. The NAPL consists of phthalates, polynuclear aromatic hydrocarbons, and some other VOCs.

It is claimed that the lateral and vertical extents of the contaminant plumes, in these three areas, are not great. Only the shallow aquifer, in glacial sediments which overlie dolomite, appears to be impacted. The contaminated areas are small, compared with the overall size of the facility property.

A cover letter, included with the Hydrogeological Assessment, states that the only contaminants leaving the site are low levels of phthalate esters which have infiltrated leaky storm sewers. Repair of these sewers has begun.

INVESTIGATION OF RELEASES

Sixteen ground water monitoring wells have been installed around the facility. Boring logs from these wells have been used to interpret the site geology, and a cross-section of the strata has been provided. Soil from the borings was analyzed for contaminants. Seasonal piezometric maps were drawn, and are included with the Assessment. Analytical data from soil and ground water have been interpreted.

CORRECTIVE MEASURES

Plaskon is beginning a study of measures necessary to correct the releases. Their proposals will be submitted to the Agency. The facility's Environmental Engineer states that the use of interceptor trenches may be proposed, to remove the NAPL layer.

Donald A. Heller, Geologist
Ohio Section, RCRA Permitting Branch

May 26, 1988

REFERENCES

Geraghty and Miller, Incorporated. Hydrogeological Assessment of the Plaskon Electronic Materials, Incorporated, Plant Site-Toledo, Ohio. May 1988.

Plaskon Electronic Materials, Incorporated. Letter from Jeffery L. Mausteller, Plant Environmental Engineer, to George J. Hamper, Ohio Section Chief, RCRA Permitting Branch. May 16, 1988.

United States Environmental Protection Agency. Part A Permit Application for Plaskon Electronic Materials, Incorporated, OHD 094 808 904.